

Aircraft Log Book



FLIGHT DESIGN

www.flightdesign.com

N890YB

Serial No.:

F-11-08-04





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Qf01000005, Rev. 3 Edition: 01 October 2009

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General Information				1
Manufacturer <i>Flight Design GmbH</i>		Model <i>CTLS Advanced</i>		
Serial No. <i>F-11-08-04</i>		Registration No.		
Date of Manufacture <i>17 November 2011</i>				
Engine installed at delivery:				
Manufacturer <i>Rotax</i>		Model <i>912 ULS</i>		Serial No. <i>6.779.027</i>
Propeller installed at delivery:				
Manufacturer <i>Sensenich</i>		Model <i>3 BOR 5 / R 68 C - FD</i>		
HUB Model <i>Sensenich</i>		HUB Serial No. <i>39 341 A</i>		
Blade Model <i>Sensenich</i>				
Blades Serial No. <i>30 203</i>		<i>30 188</i>		<i>30 263</i>
<div style="text-align: center;">  FLIGHT DESIGN <small>Flight Design GmbH Schlager Str. 51 D-70771 L. Schorndingen</small> </div>				
Date <i>17 November 2011</i>		Signature <i>[Signature]</i>		

20		Description of Inspections, Tests and Alterations		
YEAR: DATE	TOTAL TIME IN SERVICE	WO No.	Records	Approved by
13 Jan 2012	Hobbs: 1.0	TT Airframe: 1.0		
<p>Aircraft reassembled IAW Flight Design GmbH procedures. Flight Design safety directives and Rotax service bulletins researched to this date. Inspected airframe and engine IAW the 100 hr. inspection checklists from Flight Design maintenance manual rev. 3 pages 3-2 through 3-12 and Rotax line maintenance manual section 05-00-00 pages 5 through 12. This aircraft has been found to be in a condition for safe flight.</p> <p><i>Arian Foldan</i> Arian Foldan AP3077897</p> <p><i>Jan 16, 2012 4.6</i> <i>I have flown F-11-03-04 N 35010 for more than 2.5 hours and equipment is functioning. Thom Page</i></p> <div style="border: 1px solid black; padding: 5px;"> <p>I find this aircraft N <u>890YB</u> meets the requirements for the Certificate requested and I have issued a Special Airworthiness Certificate Dated <u>1-13-2012</u>. The next inspection is due <u>JAN 2013</u> <i>Joseph JE Gauthier</i> Joseph JE Gauthier DARF810276NE MIDO41</p> </div>				

Description of Inspections, Tests and Alterations		21
<p>Hobbs: 0002.5 N890YB WO: 950 Task: 24mo Insp. CUST-PO: Verbal Tom DISCR & ACTION: FAR 91.413 has been accomplished IAW FAR Part 43, Appendix F. Pertinent details are on file at this facility.</p> <p>Automatic pressure altitude reporting system tested to 14,000 ft as required by FAR 91.411 IAW FAR 43, app E. Paragraph C. #1) Make: Dynon Avionics Model: SVD-1000 Serial: 003209 (EFIS Encoder @ 29.92) Format N/A ATC transponder test and inspections required by FAR 91.413 were performed and found to comply with FAR part 43 app F. Make Dynon Model: SV-261 Serial: 00673 Hex ID # AC477C</p> <p>MAINTENANCE RELEASE</p> <p>The aircraft, airframe, aircraft engine, appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. "Pertinent details of the repair are on file at this repair station under Work Order No. 950 __ Date 01/11/2012"</p> <p>Signed <i>William P. Arnold</i> William P. Arnold for BSR Avionics Repair Station BSR393X</p>		<p>oved y</p>
<p>Hobbs: 0002.5 N890YB WO: 950 Task: 406 ELT Insp. CUST-PO: Verbal Tom DISCR & ACTION: 406mhz ELT Test, Placard installed near remote cockpit switch "For Aviation Emergency Use Only / Unauthorized Use Prohibited". Battery Due Feb. 2018 Conducted installation operational test, I.A.W. Kannad Description, Operation, Installation & Maintenance Manual, and AC 43.13-1B, Page 12-8, para 12-21 and 12-22. Found all tests to be satisfactory. The above equipment was installed and inspected using aircraft manufacturer's service and instruction manuals and equipment manufacturer's installation and instruction manuals and installed in accordance with AC43.13-1B Chapter 4, para 50 thru 62, Chapter 11 para 7, 8, 30, 31, 32, 37, 38, 47 thru 263, chapter 12 para 1 thru 38 and AC 43.13-2A chapter 2 para 21 thru 28, Chapter 3 para 37 thru 44, Chapter 11 para 211 thru 214, when applicable. These systems <u>require inspection by Certified Person or Repair Station within 12-calendar mo.</u> I.A.W. Kannad Description, Operation, Installation & Maintenance Manual and AC 43.13-1B Chapter 12 Para 22. Tested with Artex 406 ELT Test set PN 455-9100, SN 4873. Warning buzzer installed Kannad ELT Mod # 406AF-Compact, SN 289593, ID # ADCC51ACE4001A5, USA=366. Approval=105</p> <p>MAINTENANCE RELEASE</p> <p>The aircraft, airframe, aircraft engine, appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. "Pertinent details of the repair are on file at this repair station under Work Order No. 950 __ Date 01/11/2012"</p> <p>Signed <i>William P. Arnold</i> William P. Arnold for BSR Avionics Repair Station BSR393X</p>		

YEAR:
DATE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 8498 26-January-2012 WO# 5465 REF# 5465 AC TT 13.0 HOBBS 13.0
N890YB S/N F-11-08-04 FLIGHT DESIGN CTLS

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AIRFRAME

*REMOVED TRANSPONDER ANTENNA, P/N CI-105, S/N 54909, AND INSTALLED NEW ANTENNA, S/N 40232, IAW FLIGHT DESIGN F-11-08-04 ICA. TRANSPONDER CHECK ACCOMPLISHED BY PF FLYERS, CRS # Y3FR325Y. OPS CHECK: GOOD.



DOUGLAS DUNCAN A&P/IA 3384163

DATE

01-26-12

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 8499 02-February-2012 WO# 5470 REF# 5470 AC TT 26.4 HOBBS 26.4
N890YB S/N F-11-08-04 FLIGHT DESIGN CTLS

Pg 1 / 1

AIRFRAME

*C/W 25 HOUR INSPECTION ITEMS IAW FLIGHT DESIGN F-11-08-04 MM 5-20.
*C/W PROPELLER BOLT TORQUE CHECK. NEXT TORQUE CHECK DUE 2/28/2013.



DOUGLAS DUNCAN A&P/IA 3384163

DATE

2-2-12

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 8500 02-February-2012 WO# 5470 REF# 5470 AC TT 26.4 HOBBS 26.4
N890YB S/N F-11-08-04 FLIGHT DESIGN CTLS
TSN 26.4 TSO 26.4

Pg 1 / 1

ENGINE

*C/W 25 HOUR INSPECTION ITEMS IAW FLIGHT DESIGN F-11-08-04 MM 5-20.
*DRAINED OIL; REMOVED, INSPECTED, AND REPLACED OIL FILTER, P/N 825012, AND REPLACED GASKETS, P/N 250010, 950141; SERVICED WITH 3 LITERS AEROSHELL 10W40-SPORT OIL. LEAK CHECK: GOOD. OIL CHANGE DUE AT 50.0 ACTT.



DOUGLAS DUNCAN A&P/IA 3384163

DATE

2-2-12

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 8604 08-March-2012 WO# 5476 REF# 5476 AC TT 69.4 HOBBS 69.4
N890YB S/N F-11-08-04 FLIGHT DESIGN CTLS

Pg 1 / 1

AIRFRAME

*REMOVED ADAHRS-201 AND INSTALLED NEW UNIT, P/N 101247-001-R, S/N 4170, IAW FLIGHT DESIGN CTLS ICA AND DYNON SKYVIEW MM. REMOVED, DEMAGNETIZED, AND REINSTALLED LH AND RH AILERONS IAW FLIGHT DESIGN CTLS ICA. FLIGHT TEST: GOOD.
*REMOVED ROLL SERVO AND MOUNT, ADJUSTED AILERON TRIM STOPS, REPLACED ROLL SERVO SHEAR PIN, REINSTALLED ROLL SERVO AND MOUNT, AND RIGGED SYSTEM IAW FLIGHT DESIGN CTLS ICA. FLIGHT TEST: GOOD.
*REPLACED GARMIN 696 BATTERY, P/N 010-11206-10. OPS CHECK: GOOD.
*RETORQUED LH AND RH BRAKE ASSEMBLIES IAW FLIGHT DESIGN CTLS ICA.



DOUGLAS DUNCAN A&P/IA 3384163

DATE

3-8-12

Make: Flight Design	Date: 04/03/2012
Model: CTLS	A/C TSN: 94.8
Serial Number: F-11-08-04	AC Total Time: 94.8
Reg No: N890YB	TSMOH: N/A
Engine S/N: 6.779.027	Hobbs: 94.8

1. Complete 100hr inspection in accordance with Flight Design CT Maintenance Manual
2. Removed oil filter and replaced with new Rotax oil filter P/N 825012 darned oil and recharged with 3 qts. Pennzoil 20W-50 and primed oil system.
3. Inspected ELT in accordance with Far Part 91.207(d) Battery due Feb 2018
4. All applicable safety bulletins have been complied with.
5. Serviced engine in accordance with Flight Design CT Maintenance Manual and Rotax 912 Series engines Maintenance Manual. See engine 100 hr inspection for details.

I certify that this Aircraft has been inspected in accordance with Flight Design CT Maintenance manual and the Rotax 912 Series engine maintenance manual for a 100 hour conditional inspection as identified in the aircrafts maintenance manual instructions and on this date 04-03-2012 is found to be in a condition for safe operation. The next 100 Hour Inspection due @ 194.8 hours




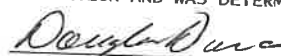
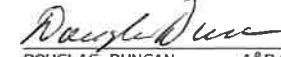
Robert F. Chandler LSRM -A, 2814970; IRMT-140001121028-01



Tom Morton A&P 2816798

Approved
by

24	Description of Inspections, Tests and Alterations			
YEAR: DATE	TOTAL TIME IN SERVICE	WO No.	Records	Approved by
15 April 2012	129.1		adjusted - 6 flap position in accordance with Flight Design Maintenance Manual and Schube Electronic Operation Manual FD-614 Controller V.1.4 Robert H Chandler 2814970 LSRM-A	
DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607 LOG ID# 8580 02-May-2012 WO# 5526 REF# 5526 AC TT 161.1 HOBBS 161.1 N890YB S/N F-11-08-04 FLIGHT DESIGN CTLS				Pg 1 / 1
AIRFRAME *RE-SAFETIED EXHAUST SPRINGS IAW MFR ICA.  5-2-12 DOUGLAS DUNCAN A&P/IA 3384163 DATE				

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607 LOG ID# 8603 23-May-2012 WO# 5537 REF# 5537 AC TT 198.7 HOBBS 198.7 N890YB S/N F-11-08-04 FLIGHT DESIGN CTLS TSN 198.7 TSO 198.7	25
Pg 1 / 1 PROPELLER *COMPLETED 100 HOUR CONDITIONAL INSPECTION AND LUBRICATION IAW FLIGHT DESIGN CTLS ICA AND ROTAX ICA. NEXT 100 HOUR INSPECTION DUE AT 298.7 ACTT. I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR CONDITIONAL INSPECTION AND WAS DETERMINED TO BE IN SAFE OPERATING CONDITION ON THIS DATE.  5-23-12 DOUGLAS DUNCAN A&P/IA 3384163 DATE	Approved by
DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607 LOG ID# 8601 23-May-2012 WO# 5537 REF# 5537 AC TT 198.7 HOBBS 198.7 N890YB S/N F-11-08-04 FLIGHT DESIGN CTLS	Pg 1 / 1
AIRFRAME *COMPLETED 100 HOUR CONDITIONAL INSPECTION AND LUBRICATION IAW FLIGHT DESIGN CTLS ICA AND ROTAX ICA. NEXT 100 HOUR INSPECTION DUE AT 298.7 ACTT. *FUEL FLOW RATE: LH - 5/20; RH - 5/20. *FRICTION TORQUE: 144 FT-LBS. *REMOVED EXHAUST MUFFLER FOR REPAIR DUE TO CRACKED BRACKETS AND REINSTALLED SAME REPAIRED EXHAUST MUFFLER. *REROUTED AND SECURED ADAHRS -201 OAT WIRING. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR CONDITIONAL INSPECTION AND WAS DETERMINED TO BE IN SAFE OPERATING CONDITION ON THIS DATE.  5-23-12 DOUGLAS DUNCAN A&P/IA 3384163 DATE	

26

YEAR
DATE

In accordance with the Flight Design and Rotax maintenance manuals this aircraft was inspected for its 100 hr. and the Annual Condition Inspection. Rotax gearbox friction torque is 464 in/lbs. Carbs pneumatically synched. Removed, cleaned, re-oiled and reinstalled air filter. Replaced all NGK DCPR8E spark plugs and gaped at .025 and applied heat conducting paste. Changed the oil with 3 qts. of Aero Shell Sport Plus 4 oil and installed a new Rotax oil filter. The magnetic plug was clean. Compression test: #1 - 87/85, #2 - 87/85, #3 - 87/84, #4 - 87/85. Fuel flow test at the gasolator is within specs and gasolator screen cleaned. What looked like a small amount of silicone was found in the bottom of the gasolator. Re-check at the next inspection. All 6 through the firewall engine bolt torques were checked at 200 in/lbs. The stabilator was removed and the stab pivot pin nut torque was checked at 200 in/lbs. Trimmed wheel pants to make valve stems accessible and all three wheels. Additional ground wires added from the battery with a #8 wire to the #3 cyl. accessory screw hole. A second #8 wire was attached here and run into the instrument panel main ground block. Tires inflated from 19 psi to 26 psi. Installed a Tanis engine pre-heater, model TAS 100-52-DT and serial # 46203 as per the Tanis instructions. Checked the heating elements for operation. The Rotax ASB-912-059UL, "Checking the Crankshaft", does not apply to this engine due to its serial number. The latest Rotax service alert ASB-912-061UL (replacement of the fuel pump out hose) does not apply to this aircraft due to its older engine serial number. This aircraft complies with the FD SB-ASTM-CTSW-10 (Rescue system rear harness). Next inspection due at 372 hrs. or the Annual Condition Inspection by 9-31-2013. All SB's and logs current. I certify that this aircraft has been inspected within the scope and detail of the Rotax and Flight Design maint. manuals and found to be in a safe condition for operation.

Roger Lee 9-20-12
Roger Lee RLSM-A Cert. # 3359235 issued 5-28-08

oved
by

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 8851 16-November-2012 WO# 5673 REF# 5673 AC TT 301.7 HOBBS 301.7
N890YB S/N F-11-08-04 FLIGHT DESIGN CTLs
FHM 301.7

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AIRFRAME

*T/S FUEL PRESSURE SYSTEM FOUND THE FUEL PRESSURE SENSOR BAD, REPLACED WITH NEW, NO LEAKS & OPS CHECKED GOOD. PN: GAV360043
*T/S AUDIO XM SYSTEM FOUND THE XM SWITCH WIRED INCORRECTLY. DE-SODERED CONNECTIONS & RE-SODERED IN PROPER SEQUENCE OPS CHECKED GOOD.
*TROUBLE SHOT FUEL FLOW SYSTEM FOUND CARB NEEDED 200 HOUR INSPECTION OVERHAUL. INSPECTION/OVERHAUL COMPLETED BY LOCKWOOD AVIATION FL. SEE ENTRY IN ENGINE LOG BOOK. REMOVED & INSTALLED SAME CARBS BALANCED & SET IDLE IAW ROTAX LINE MAINT MANUAL.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

DOUGLAS DUNCAN

A&P/IA 3384163

DATE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 9082 21-May-2013 WO# 5791 REF# 5791 AC TT 340.0 HOBBS 340.0
N890YB S/N F-11-08-04 FLIGHT DESIGN CTLs
FHM 340.0

Pg 1 / 1

AIRFRAME

*REMOVED & REPLACED FUEL PRESSURE SENSOR PN: GAV360043 OPS CHECKED GOOD.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH REGARDS TO MAINTENANCE PERFORMED.

DOUGLAS DUNCAN

A&P/IA 3384163

DATE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 9158 24-July-2013 WO# 5818 REF# 5818 AC TT 351.4 HOBBS 351.4
N890YB S/N F-11-08-04 FLIGHT DESIGN CTLS
FHM 351.4

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AIRFRAME
*REMOVED SENSENICH PROPELLER, INSTALLED NEUFORM PROPELLER AND ADJUSTED 19.3 DEGREES. PROP TIME
UNOWN. INSTALLED NEW PROP SPINNER AND DEVELOPED A VIBRATION, REPLACED JUST SPINNER COVER WITH OLD
UNIT AND VIBRATION STOPPED. PROP BOLTS PROVIDED WITH NEW PROP CAUSE VIBRATION. USED OLD MOUNT BOLTS
VIBRATION STOPPED. ALL GROUND CHECKED GOOD. REMOVED NEUFORM PROPELLER AND INSTALLED ORGINAL
SENSENICH PROP AFTER PAINT ADJUSTED PITCH TO 17DEGREES, GROUND RAN SATISFACTORY.
*CHANGED ENGINE COOLANT TO DEXCOOL 50/50 SOLUTION
*REMOVED OLD AP ROLL SERVO (DYNON SV42L) AND REPLACED AP ROLL SERVO WITH NEW UNIT. PN SV42L SN:
GROUND CHECKED GOOD. IAW SKYVIEW SYSTEM INSTALLATION GUIDE.
*PERFORMED SKYVIEW BATTERY (SV-BAT-320) CHECK OUT (PASSED) IAW SKYVIEW SYSTEM INSTALL GUIDE.
*COMPLETED SN-ASTM-CTLS-03 IAW DYON BULLITEN, SN: 003209 & SN 003208 IS NOT EFFECTED AT THIS TIME

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE
WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH
REGARDS TO MAINTENANCE PERFORMED.


DOUGLAS DUNCAN A&P/IA 3384163

7-24-13
DATE

DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 9235 04-October-2013 WO# 5872 REF# 5872 AC TT 366.3 HOBBS 366.3
N890YB S/N F-11-08-04 FLIGHT DESIGN CTLS
FHM 366.3 TSN 366.3 TSO 366.3

Pg 1 / 1

PROPELLER
*COMPLETED ANNUAL/CONDITIONAL INSPECTION AND LUBRICATION IAW FLIGHT DESIGN CTLS ICA, SENSENICH
PROPELLER AND ROTAX ICA. NEXT 100 HOUR INSPECTION DUE AT 466.3 ACTT. ANNUAL INSPECTION DUE 10/2014.

I CERTIFY THAT THIS AIRCRAFT, ENGINE, OR PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN
ANNUAL/CONDITIONAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE
WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH
REGARDS TO MAINTENANCE PERFORMED.


DOUGLAS DUNCAN A&P/IA 3384163

10-4-13
DATE

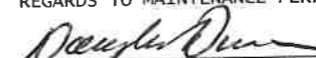
DOUGLAS DUNCAN AVIATION LLC 100 TOWER DR, HGR 6 GREENVILLE, SC 29607
LOG ID# 9233 04-October-2013 WO# 5872 REF# 5872 AC TT 366.3 HOBBS 366.3
N890YB S/N F-11-08-04 FLIGHT DESIGN CTLS
FHM 366.3

Pg 1 / 1

AIRFRAME
*COMPLETED ANNUAL/CONDITIONAL INSPECTION AND LUBRICATION IAW FLIGHT DESIGN CTLS ICA AND ROTAX ICA.
NEXT 100 HOUR INSPECTION DUE AT 466.3 ACTT. ANNUAL/CONDITIONAL INSPECTION DUE 10/2014.
INSPECTED AIRCRAFT ELT SYSTEM ACCORDING TO AIRCRAFT AND ELT MANUFACTURER'S INSTRUCTIONS AND
APPLICABLE FAA GUIDANCE. ELT FOUND TO MEET REQUIREMENTS OF SECTION 91.207(D). ELT BATTERY DUE
2/2018. NEXT INSPECTION DUE 10/2014.
INSPECTED FIRE BOTTLE FOR SERVICABLE CONDITION. DUE TIME CHANGE 5/2017
FUEL FLOW RATE: LH - 5/30; RH - 5/30.
*REPLACED PILOTS DOOR GAS STRUT WITH NEW PN: C9997737E
*REPLACED NLG WHEEL BEAR WITH NEW PN: MSC6302-2RS-1
*REMOVED WINGS FOR FUEL INLET INSPECTION NO FOD FOUND, INSTALLED NEW SEAL FOR ACCESS PANEL, REPLACED
LT & RT QUANTITY TUBES AND INSTALLED WINGS.

I CERTIFY THAT THIS AIRCRAFT, ENGINE, OR PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN
ANNUAL/CONDITIONAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE
WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN TO SERVICE WITH
REGARDS TO MAINTENANCE PERFORMED.


DOUGLAS DUNCAN A&P/IA 3384163

10-4-13
DATE



FLIGHT DESIGN

PO Box 325 South Woodstock, CT 06267
(ship to: 91 Rte. 169 Woodstock Airport)
www.TopService@FlightDesignUSA.com
860-963-7272; 860-963-7152 (fax)

N 890YB December 2, 2013 Tach: 374.0 TT Airframe: 374.0 Hobbs: 374.0 s/n F 11-08-04

Re-sealed wing inspection port IAW Flight Design instructions. Replaced fuel level sight tubes, p/n FS-C9993194H Rev 2. . Repaired paint on left door I.A.W. 080314 instructions. Restored factory settings to Dynons. Replaced left door strut and attachment point, p/n FS-C9997737E. Replaced Pitch servo, s/n 6189. I certify that these repairs have been inspected in accordance with the manufacturer's maintenance and inspection procedures, and was found to be in a condition for safe operation.



David Armando A & P 3281237

----- end -----

mented
by



FLIGHT DESIGN

PO Box 325 South Woodstock, CT 06267
(ship to: 91 Rte. 169 Woodstock Airport)
www.TopService@FlightDesignUSA.com
860-963-7272; 860-963-7152 (fax)

N 890YB October 03, 2014 Tach: 431.6 TT Airframe: 431.6 Hobbs: 431.6 s/n F 11-08-04

Invoice # 6700 - Performed annual condition inspection IAW Flight Design inspection checklist pages 3.3-3.12. Lubed flight controls. Serviced fluids. Performed 2 yr. wing pin inspection. Repaired Rt. Wing inspection hatch by George Sychrovsky I.A.W FD GmbH KF57100170. Replaced (2) fuel sight tubes. Performed visual inspection of propeller I.A.W. Sensenich Propellers manual. **ELT battery expires 02/2018. Coolant due @ 07/2015. BRS re-pack due 11/2017. Wing pin inspection due 631 rs.** Service bulletins: SB-912-064-OK. All SD's and SB's researched and complied with to this date. I certify that this aircraft has been inspected in accordance with the manufacturer's maintenance and inspection procedures and except for the discrepancies provided the owner, was found to be in a condition for safe operation.



David Armando A & P 3281237

----- end -----

N 890YB October 03, 2014 Tach: 431.6 TT Airframe: 431.6 Hobbs: 431.6 s/n F 11-08-04

Invoice # 6700 - Removed Port side D1000 PFD and replaced with D1000T SN21433 IAW Flight Design MRA 14-030-USA. Installed Dynon Software Version 11 on Starboard side D1000 and attached components IAW Flight Design MRA 14-029-USA. Replaced Port D1000T and Starboard side D1000 backup batteries with serial# 7858, 7904



John Long Hurst IV A & P 436393085

----- end -----

31

plemented
by

32

YEAR:
DATE

VIP Aero Instruments and Avionics BRAINARD AIRPORT HARTFORD, CT 06114
 LOG ID# 1969 03-October-2014 WO# 20595/1 TH5R223N
 N890YB S/N F-11-08-04 Flight Design: CTLS

Pg 1 / 1

1. Transponder INOP - Troubleshoot problem to a defective XPDR antenna. Removed Comant CI-105 XPDR antenna, s/n 40232, and installed customer supplied serviceable CI-105, s/n 35226, IAW AC43.13-1B, 2B Chapter 3. Antenna is returned to service by means of a successful OPS check.

2. ATC transponder tests and inspections required by FAR 91.413 were performed and found to comply with FAR part 43 app F.
 Make: Trigg Avionics Model: TT22 Serial #: 00673

I certify that this aircraft has been inspected in accordance with FAR 91.413 and was determined to be in airworthy condition.

Ed Rowley 10/3/14

CRS# TH5R223N Ed Rowley Date

I certified that the ATC Transponder test required by FAR 91.413 have been performed and found to comply with FAR 43, appendix F.

1 Make Dynon Model TT22 S/N 00603

2 Make _____ Model _____ S/N _____

Date 11-11-14 W. O. # 14599

Signed [Signature] for

Aero Avionics, Inc. Sanford, N.C. CRS # A8XR424J

emented
by

N890YB 11 June 2015 490.6 TTAP SN F-11-08-04

Removed SV22L Roll Servo and Replaced with SkypT Roll SN S1104

Servo IAW FO MRA #008 of Part A-P #3776976

AIR WILMINGTON

33

Date: 07/16/2015; Aircraft: N890YB; Type: CTLS; S/N: F-11-08-04; Hobbs: 536.30; Tach:; Total Time:;
 Engine - Type: , S/N:; Time:; Prop - Type: , S/N:; Time:

Shop Order #: NRS-13431

Performed 100 hour. inspection.

Replaced o-ring in fuel filter p/n M83248/1-019.

Replaced LH landing gear inner tube p/n GL-60877B

Replaced all spark plugs p/n 4339 DCPR8E and torqued to 177in.lb.

The above aircraft has been inspected in accordance with CTLS Maintenance and Inspection Procedures and with BRP 912ULS2 Powertrain Maintenance Manual and is approved for return to service.

The Aircraft identified above was inspected and or repaired IAW current regulations of the FAA and is approved for return to service. Pertinent details are on file under the work order stated above. Dated: 7/17/2015.

Name: James Buchanan Signature: [Signature] Cert# A&P 3694884

Air Wilmington P.O. Box 1930, Wilmington, NC 28402 Phone: 910-763-2502

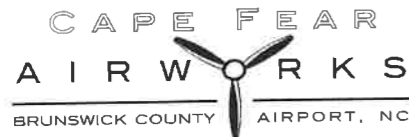
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by

34

Airworthiness Directives, Safety Alerts, Service Bulletins Listing of Compliance and Method of Compliance

Aircraft Log

YEAR:
DATE



910-367-3344 www.CapeFearAirworks.com

Date: 8/1/15 N890YB Hobbs: 557.4 hrs.

PIREP: NLG difficult to steer on ground. -Removed NLG strut. Found lacking lubrication. Cleaned all strut bearing surfaces, lubricated with Aeroshell 6, and re-installed IAW Flight Design CTLS MM section 4.2.1. Ops-check satisfactory.

Mechanic: *[Signature]* A&P3694900

engine log

910-367-3344 www.CapeFearAirworks.com

Date: 8/6/15 N890YB Hobbs: 557.4 hrs.

Drained coolant and flushed system with clear water. Serviced with 50/50 Dexcool/distilled water IAW Rotax maintenance procedures. Ran aircraft to stabilized temperature and topped coolant overflow tank to about 2/3 full and had satisfactory leak check.

Mechanic: *[Signature]* A&P1759842

Maintenance and Repair

35

August 06, 2015 A/C Time: 557.4 Hobbs

I certify that this Transponder meets the Requirements of Part 43 Appendix F.
Model: TT 22
SN: 03516
Work Order 1484

Signed *[Signature]*
Boggs Avionics, Inc. CRS# YOGR280Y

YEAR:
DATE

TOTAL
TIME IN
SERVICE

WO No.



910-367-3344 www.CapeFearAirworks.com

Date: 8/17/15 N890YB Hobbs: 560.7 hrs.

R&R #4 cylinder exhaust riser due to cracked, customer supplied part, installed with new springs. R&R engine fuel block clamp P/N 851-327 due to cracked & leaking fuel, new block installed with 6 new copper gasket rings.

Mechanic: *[Signature]* A&P1759842

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PO Box 1930, Wilmington, NC 28402
(910) 763-0146 FAA CRS FFFR869D

YEAR
DATE

N890YB	Registration	AIRFRAME	DATE	Oct 6, 2015
CTLS	Make	Serial#	TACH	563.1
Flight Design	Model	F-11-06-04	TOTAL TIME	563.1

1. Complied with Annual/100 hour condition inspection IAW CTLS Flight Design ICA and Rotax ICA and referenced FAR 43 Appendix D.
2. Performed Oil change, removed and replaced filter P/N AA825706, serviced with 3 qts Aeroshell 10W40 Sport 4 oil.
3. All work done IAW CTLS Flight Design Maintenance Manual PS-MM-1-0-00.
4. Ground ran aircraft, ops checked and leak checked good.

The Aircraft identified was repaired IAW current regulations of the FAA and is approved for return to service.

Signed: John Nelson A&P 3403532

proved
by

1 Apr 2017 F-11-08-04; hobbs time 585. TT

The engine and aircraft has all the hoses and rubber replaced, as per Rotax manual, fuel filter cleaned, Wings removed for inspection for cracks, sight tubes were replaced. Wheels removed inspect bearings and brakes. Update Dynon. Inspect stabilator, I certify that this aircraft has a condition inspected in accordance with the manufacturer's maintenance and inspection procedures, and was found to be in condition for safe flight.

Tom Gutmann A&P 2040778

1Apr 2017 ; Rotax 6779027; Total Time 630.4 ; I certify this engine had a condition inspected in accordance with the Rotax maintenance manual. All hoses and rubber replaced, carburetor were rebuilt, floats weight 3g each and engine rubber mounts replaced. The engine oil and filter were change with Rotax oil filter and Aeroshell Rotax Oil 20/50. Plugs were inspected and replaced. Compression tested 79/80; 77/80;79;80 ; 77;80. Fuel filter cleaned. Battery was replaced. Fuel pump replaced. Carb balanced. Clean oil tank. Remove muffler for inspection. Replace choke cables. Remove and clean by-pass jet. Replace coolant with Dexcol. Check crankshaft SB#. Clutch pull test. The engine was found to be in a condition for safe flight.

Tom Gutmann A&P 2040778

1 Apr 2017 F-11-08-04; hobbs time 630.4 TT

The engine and aircraft has all the hoses and rubber replaced, as per Rotax manual, fuel filter cleaned, Wings removed for inspection for cracks, sight tubes were replaced. Wheels removed inspect bearings and brakes. Update Dynon. Inspect stabilator, I certify that this aircraft has a condition inspected in accordance with the manufacturer's maintenance and inspection procedures, and was found to be in condition for safe flight.

Tom Gutmann A&P 2040778

38		
YEAR: DATE	TC TI SE	

Date: 23 May 2017
Work Order: 1106
Make/Model: Flight Design CTLS
Registration: N890YB
Hobbs Time: 655.4



Discrepancy: Generator not Charging Battery / Battery Dead

Corrective Action: Removed and Replaced Generator Circuit Breaker (P/N: W23X1A1G30). Removed and Replaced Battery (Odyssey PC310). Satisfactory maintenance operational check completed. All work completed in accordance with maintenance manuals. Aircraft checked for FOD and all tools accounted for. Aircraft is approved for return to service.

[Signature]
 Jason D. Guilmain
 Compass Aeronautics, LLC
 Certificate # 3133362

Approved
by

Reg: N890YB	NexGen Aviation	Date: 7/17/2017
Model: FLIGHT DESIGN GMBH CTLS	4144 Aviator Rd, Suite 100	TTA: 0683.9
SN: F-11-08-04	Lexington, KY 40510	Tach: 0683.9
		Hobbs: 0674.6

Maintenance Record (Airframe)

Workorder reference: 809
 Removed and replaced NOSE tire with a new AERO CLASSIC tire P/N: 06-00944 S/N: 756600209 and replaced tube with a new AERO CLASSIC tube P/N: 06-00945. Visually inspected wheel for defects. NO defects discovered at this time. Reassembled and reinstalled wheel assy. on aircraft, torqued to the specs found in the CTLS MM with a calibrated torque wrench. Checked for tooling and all tools accounted for. Work was performed using CTLS MM as reference. Serviced tire to 29PSI. Leak check good.

[Signature]
 Jonathan H. Kidwell
 A 3959005

YEAR: DATE	TOT TIM SEF	

Reg No: N890YB Aircraft: Flight Design CTLS Serial No: F-11-08-04

Work Order: 11812

I HEREBY CERTIFY THAT THE ATC TRANSPONDER TEST REQUIRED BY FAR 91.413 WAS PERFORMED THIS DATE AND FOUND TO COMPLY WITH FAR 43, APPENDIX F.

MAKE: TRIGGMODEL: TT22SERIAL NO: 00603

SYSTEM TEST DATE 08-11-17

TESTED BY *[Signature]* Cert# UTYR015L
 Robbie Smithers



4316 Hangar Dr
 Lexington, KY 40510
 859-255-1902
 FAA CRS # UTYR015L

39

Approved
by

Reg: N890YB	NexGen Aviation	Date: 8/16/2017
Model: FLIGHT DESIGN GMBH CTLS	4144 Aviator Rd, Suite 100	TTA: 706.7
SN: F-11-08-04	Lexington, KY 40510	Tach: 697.3
		Hobbs: 706.7

Maintenance Record (Airframe)

Workorder reference: 849 Removed and replaced NOSE wheel with a new MATCO mfg. wheel P/N: WHLNw60CC15MM. Reinstalled AERO CLASSIC tire P/N: 06-00944 S/N: 756600209 and AERO CLASSIC tube P/N: 06-00945. Reassembled and reinstalled wheel assy. on the aircraft, and torqued to the specs found in the CTLS MM. with a calibrated torque wrench. Checked for tooling and all tools accounted for. Work was performed using CTLS MM as reference. Serviced tire to 29PSI. Leak check good. ---End of Log Entry---

Kidwell, Jonathan
 A 3959005
[Signature] Jonathan H. Kidwell

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Date: 11/14/2017
TTA: 739.5
Tach: 729.8
Hobbs: 739.5

Workorder reference: 906

Performed a 100 hour conditional inspection and lubrication using CTLS Flight Design MM Ch. 05-20-00 as a guide.

- Removed engine cowling, cleaned, and inspected cowling, no defects found
- Removed aircraft access panels and front seats for inspection
- Removed MLG tire and wheel assembly
- Cleaned, inspected, repacked, and installed MLG wheel bearings
- Installed MLG tire and wheel assemblies
- Replaced brake pads worn to limits with new matco brake relining kit p/n BRL-1 per matco MM
- Tightened loose stop on rudder pedals
- Installed aircraft seats, panels, and cowling

I certify that this Airframe has been inspected in accordance with a 100 HOUR conditional inspection and its approved for return to service with regards to maintenance performed at this time.

Israel Torres
A&P 3763415

Paul Lee

Reg: N890YB
Model: FLIGHT DESIGN GMBH CTLS
SN: F-11-08-04

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Date: 11/22/2017
TTA: 777.2
Tach: 777.2
Hobbs: 786.9

Maintenance Record (Airframe)

Workorder reference: 911

Workorder reference: 511
Performed a 50 hour conditional inspection in accordance with CTLS Flight Design and Rotax maintenance manuals as a guide.

- Performed Engine run up, attained normal operating temperature
- Removed engine cowling, cleaned, and inspected cowling, no faults found
- Performed oil and filter change using 3 quarts of Aeroshell Sport Plus 4 and a new filter p/n 8250
- Installed cowling
- Performed engine run up, attained normal operating temperature, no leaks found

I certify that this Airframe has been inspected in accordance with a 50 hour conditional inspection and is approved for return to service with regards to maintenance performed at this time.

Richard Sobeske
A&P 3784719

[Signature]

Reg: N890YB
Model: FLIGHT DESIGN GMBH CTLS
SN: F-11-08-04

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Date: 12/12/2017
TTA: 829.2
Tach: 829.2
Hobbs: 838.9

Maintenance Record (Airframe)

Workorder reference: 921
Performed a 100 hour conditional inspection and lubrication using CTLS Flight Design MM Ch. 05-20-00 as a guide.

- Removed engine cowling, cleaned, and inspected cowling, no defects found
- Removed aircraft access panels and front seats for inspection
- Removed MLG tire and wheel assembly
- Cleaned, inspected, repacked, and installed MLG wheel bearings
- Installed MLG tire and wheel assemblies
- Found cracks on Top-RH side of fuselage. Removed filler around cracks down to aircraft skin, inspected skin, no faults found. Filler added, sanded down, and painted per instructions from Flight Design Tech Support.
- Removed aircraft battery and replaced with a new Odyssey PC310 battery
- Installed aircraft seats, panels, and cowling

I certify that this Airframe has been inspected in accordance with a 100 HOUR conditional inspection and its approved for return to service with regards to maintenance performed at this time.

Richard Sobeske
A&P 3784719



Reg: N890YB
Model: FLIGHT DESIGN GMBH CTLS
SN: F-11-08-04

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Date: 12/19/2017
TTA: 889.2
Tach: 889.2
Hobbs: 898.9

Maintenance Record (Airframe)

Workorder reference: 929
Performed a 50 hour conditional inspection in accordance with CTLS Flight Design and Rotax 912 maintenance manuals as a guide.

- Performed Engine run up, attained normal operating temperature
- Removed engine cowling, cleaned, and inspected cowling, no faults found
- Performed oil and filter change using 3 quarts of Aeroshell Sport Plus 4 and a new filter p/n 825010
- Installed cowling
- Performed engine run up, attained normal operating temperature, no leaks found

I certify that this Airframe has been inspected in accordance with a 50 hour conditional inspection and its approved for return to service with regards to maintenance performed at this time.

Richard Sobeske
A&P 3784719



Reg: N890YB
Model: FLIGHT DESIGN GMBH CTLS
SN: F-11-08-04

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Date: 5/7/2018
TTA: 1026.2
Tach: 1026.2
Hobbs: 1036.9

Maintenance Record (Airframe)

Workorder reference: 1041
Performed an annual conditional inspection using CTLS Flight Design MM Ch. 05-20-00 and Rotax 912 MM Ch. 05-20-00 as a guide.

- Removed engine cowling, cleaned, and inspected. No defects found. Removed aircraft access panels and seats for inspection. Removed MLG wheel assembly. Cleaned, inspected and installed MLG wheel assembly.
- Removed and replaced RH brake disc with a new brake disc p/n D5LSA
- Replaced exhaust springs with new springs p/n 938-975

I certify that this airframe has been inspected IAW an annual conditional inspection and is approved for return to service with regards to maintenance performed at this time.

Sobeske, Richard
A&P 3784719



Reg: N890YB NexGen Aviation Date: 2/14/2018
Model: FLIGHT DESIGN GMBH CTLS 4144 Aviator Rd, Suite 100 TTA: 929.3
SN: F-11-08-04 Lexington, KY 40510 Tach: 929.3
Hobbs: 939.0

Maintenance Record (Airframe)

Workorder reference: 939

Performed a 100 hour conditional inspection using CTLS Flight Design MM Ch. 05-20-00 as a guide.

Removed engine cowling, cleaned, and inspected. No defects found. Removed aircraft access panels and seats for inspection. Removed ML wheel assembly. Cleaned, inspected, repacked, and installed MLG wheel bearings. Installed MLG wheel assemblies.

--Removed BRS Parachute, sent to BRS Aerospace for inspection and repacking. Installed parachute with reference to BRS Installation Guide. Parachute needs inspection 01/24.

--Replaced ELT battery with a new battery kit p/n S1840510-01 s/n TM0000137384. New battery p/n 0141823 s/n 17270231. Battery expires 05/2024

--Fuel placard replaced by each fuel cap

--Replaced LH MLG tire with a new tire p/n 072-314-0 s/n 6300S00065 and a new tube p/n GL-60879B

--Replaced RH MLG tube with a new tube p/n GL-60879B

--Repaired drip plate under LH carburetor

--Tightened L/H Fwd parachute tiedown

--Removed Dynon Avionics p/n SV-EMS-220 s/n 4973 and replaced with Dynon Avionics p/n SV-EMS-220 s/n 7175

--Replaced fire extinguisher with a new fire extinguisher p/n C05-0006-0H

I certify that this airframe has been inspected IAW a 100 hour conditional inspection and is approved for return to service with regards to maintenance performed at this time.

Sobeske, Richard
A&P 3784719



Reg: N890YB NexGen Aviation Date: 2/21/2018
Model: FLIGHT DESIGN GMBH CTLS 4144 Aviator Rd, Suite 100 TTA: 933.0
SN: F-11-08-04 Lexington, KY 40510 Tach: 933.0
Hobbs: 942.7

Maintenance Record (Airframe)

Workorder reference: 971

Removed puck housing p/n PH-1A and replaced with a new puck housing p/n PH-8I with a new puck p/n PI-8 and a new o-ring p/n MSC2-222. Replaced bleeder valve with a new bleeder valve p/n MSCBS. Brakes bled. All work done per MATCO mfg wheels and brakes model W160L & W162L technical service guide.

Removed and replaced brake disc with a new brake disc p/n D5LSA.

I certify that maintenance has been accomplished IAW MATCO mfg wheels and brakes model W160L & W162L technical service guide and the aircraft is approved for return to service in regards to the maintenance accomplished

Sobeske, Richard
A&P 3784719



Reg: N890YB NexGen Aviation Date: 3/12/2018
Model: FLIGHT DESIGN GMBH CTLS 4144 Aviator Rd, Suite 100 TTA: 983.7
SN: F-11-08-04 Lexington, KY 40510 Tach: 983.7
Hobbs: 994.0

Maintenance Record (Airframe)

Workorder reference: 992

Performed a 50 hour conditional inspection in accordance with CTLS Flight Design and Rotax 912 maintenance manuals as a guide.

--Performed Engine run up, attained normal operating temperature

--Removed engine cowling, cleaned, and inspected cowling, no faults found

--Performed oil and filter change using 3 quarts of Aeroshell Sport Plus 4 and a new filter p/n 825010

--Installed cowling

--Performed engine run up, attained normal operating temperature, no leaks found

I certify that this airframe has been inspected in accordance with a 50 hour conditional inspection and is approved for return to service with regards to maintenance performed at this time.

Richard Sobeske
A&P 3784719



Reg: N890YB
Model: FLIGHT DESIGN GMBH CTLS
SN: F-11-08-04

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Date: 4/9/2018
TTA: 1000.3
Tach: 1000.3
Hobbs: 1010.8

Maintenance Record (Airframe)

YEAR	DATE	DESCRIPTION	AMOUNT	CHECK NO.	BANK	INITIALS
2010	1/15	DEPOSIT	100.00			
2010	1/20	PAYROLL	50.00	101	CHASE	
2010	1/25	RENT	200.00	102	CHASE	
2010	2/1	DEPOSIT	150.00			
2010	2/10	PAYROLL	50.00	103	CHASE	
2010	2/15	RENT	200.00	104	CHASE	
2010	2/20	DEPOSIT	100.00			
2010	2/25	PAYROLL	50.00	105	CHASE	
2010	3/1	RENT	200.00	106	CHASE	
2010	3/10	DEPOSIT	150.00			
2010	3/15	PAYROLL	50.00	107	CHASE	
2010	3/20	RENT	200.00	108	CHASE	
2010	3/25	DEPOSIT	100.00			
2010	3/30	PAYROLL	50.00	109	CHASE	
2010	4/1	RENT	200.00	110	CHASE	
2010	4/10	DEPOSIT	150.00			
2010	4/15	PAYROLL	50.00	111	CHASE	
2010	4/20	RENT	200.00	112	CHASE	
2010	4/25	DEPOSIT	100.00			
2010	4/30	PAYROLL	50.00	113	CHASE	
2010	5/1	RENT	200.00	114	CHASE	
2010	5/10	DEPOSIT	150.00			
2010	5/15	PAYROLL	50.00	115	CHASE	
2010	5/20	RENT	200.00	116	CHASE	
2010	5/25	DEPOSIT	100.00			
2010	5/30	PAYROLL	50.00	117	CHASE	
2010	6/1	RENT	200.00	118	CHASE	
2010	6/10	DEPOSIT	150.00			
2010	6/15	PAYROLL	50.00	119	CHASE	
2010	6/20	RENT	200.00	120	CHASE	
2010	6/25	DEPOSIT	100.00			
2010	6/30	PAYROLL	50.00	121	CHASE	
2010	7/1	RENT	200.00	122	CHASE	
2010	7/10	DEPOSIT	150.00			
2010	7/15	PAYROLL	50.00	123	CHASE	
2010	7/20	RENT	200.00	124	CHASE	
2010	7/25	DEPOSIT	100.00			
2010	7/30	PAYROLL	50.00	125	CHASE	
2010	8/1	RENT	200.00	126	CHASE	
2010	8/10	DEPOSIT	150.00			
2010	8/15	PAYROLL	50.00	127	CHASE	
2010	8/20	RENT	200.00	128	CHASE	
2010	8/25	DEPOSIT	100.00			
2010	8/30	PAYROLL	50.00	129	CHASE	
2010	9/1	RENT	200.00	130	CHASE	
2010	9/10	DEPOSIT	150.00			
2010	9/15	PAYROLL	50.00	131	CHASE	
2010	9/20	RENT	200.00	132	CHASE	
2010	9/25	DEPOSIT	100.00			
2010	9/30	PAYROLL	50.00	133	CHASE	
2010	10/1	RENT	200.00	134	CHASE	
2010	10/10	DEPOSIT	150.00			
2010	10/15	PAYROLL	50.00	135	CHASE	
2010	10/20	RENT	200.00	136	CHASE	
2010	10/25	DEPOSIT	100.00			
2010	10/30	PAYROLL	50.00	137	CHASE	
2010	11/1	RENT	200.00	138	CHASE	
2010	11/10	DEPOSIT	150.00			
2010	11/15	PAYROLL	50.00	139	CHASE	
2010	11/20	RENT	200.00	140	CHASE	
2010	11/25	DEPOSIT	100.00			
2010	11					

Workorder reference: 1012

Removed and replaced nose tire and tube with new tire p/n: 06-00944 and tube p/n: 06-00945. Also removed and replaced nose wheel axle bolt, washer, and locknut with bolt p/n: KF32200002, locknut p/n: FS-C9996338, and washer p/n: C9996507. Work accomplished in accordance with FLIGHT DESIGN GMBH CTLS maintenance manual.

Israel Torres
A&P 3763415

Julius

Reg: N890YB
Model: FLIGHT DESIGN GMBH CTLS
SN: F-11-08-04

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Date: 5/17/2018
TTA: 1046.8
Tach: 1046.8
Hobbs: 1057.6

Maintenance Record (Airframe)

Workorder reference: 1046

Removed and replaced rear right exhaust pipe p/n: KA5020200-01 in accordance with FLIGHT DESIGN CTLS LSA maintenance manual.
Leak check good.

Israel Torres
A&P 3763415

[Signature]

Reg: N890YB
Model: FLIGHT DESIGN GMBH CTLS
SN: F-11-08-04

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Date: 6/1/2018
TTA: 1069.6
Tach: 1069.6
Hobbs: 1080.6

Maintenance Record (Airframe)

Workorder reference: 1061 Performed a 50 hour conditional inspection using CTLS Flight Design and Rotax 912 maintenance manuals as a guides. Performed Engine run up, attained normal operating temperature. Removed engine cowling, cleaned, and inspected cowling, no defects found at this time. Performed oil and oil filter change using 3 quarts of Aeroshell Sport Plus 4 and a new oil filter P/N: 825 012. Reinstalled oil tank drain plug with a new crush gasket, and resafetied oil tank drain plug. Reinstalled cowlings Performed post maintenance engine run up, attained normal operating temperature, no leaks found. All of my tool accounted for. I certify that this airframe has been inspected in accordance with a 50 hour inspection and has been determined to be in airworthy condition at this time. Kidwell, Jonathan *Jonathan M. Kidwell* A&P 3359005 ---End Of Log Entry---

Jonathan T. Tidwell

A&P 3959005 ---End Of Log Entry---

Reg: N890YB
Model: FLIGHT DESIGN GMBH CTLS
SN: F-11-08-04

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Date:	9/14/2018
TTA:	1125.3
Tach:	1125.3
Hobbs:	1137.6

Maintenance Record (Airframe)

Workorder reference: 1110

Performed a 100 HOUR inspection in accordance with FLIGHT DESIGN GMBH CTLS maintenance manual Ch 05-20-00 and Part 43 Appendix D. Removed access panels and seat for inspection. Removed main landing gear wheels. Clean inspected and repack wheel bearing. Reinstalled wheel assemblies. Complied with CFR 91.207 par (D) ELT inspection. checks good. Next battery due 05-2024. Removed and replaced right wing position light. P/N 218051.

I certify that this Airframe has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition

Smart, Eddie
3783127

Edwin L. Grant

[illegible]

Reg: N890YB
Model: FLIGHT DESIGN GMBH CTLS
SN: F-11-08-04

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Date: 10/15/2018
TTA: 1162.7
Tach: 1162.7
Hobbs: 1174.4

Maintenance Record (Airframe)

Workorder reference: 1152

Performed a Discrepancy Repair inspection in accordance with FLIGHT DESIGN GMBH CTLS maintenance manual not on file and Part 43 Appendix D. Removed and replaced #2 Right EGT probe with new probe P/N 100405-001. Ops check was good.

I certify that this Airframe has been inspected in accordance with a Discrepancy Repair inspection and has been determined to be in airworthy condition

Eddie L. Smart
A&P 3783127



Reg: N890YB
Model: FLIGHT DESIGN GMBH CTLS
SN: F-11-08-04

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Date: 11/28/2018
TTA: 1226.2
Tach: 1226.2
Hobbs: 1238.4

Maintenance Record (Airframe)

Workorder reference: 1173

Performed a 100 HOUR Conditional inspection IAW FLIGHT DESIGN CTLS MM.
Removed engine cowling, cleaned, and inspected. No defects found. Installed cowlings
Removed aircraft access panels and seats for inspection. No defects found. Installed access panels.
Removed MLG wheel assemblies, cleaned, inspected, and greased. Replaced RH main tire with new p/n 072-314-0 s/n 7091S00038 and new tube p/n GL-608798. Ops Check Good. Installed MLG wheel assemblies.

I certify that this Airframe has been inspected in accordance with a 100 HOUR Conditional inspection and has been approved for return to service with regards to the work performed at this time.

Israel Torres
A&P 3763415



Reg: N890YB
Model: FLIGHT DESIGN GMBH CTLS
SN: F-11-08-04

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Date: 12/18/2018
TTA: 1270.6
Tach: 1270.6
Hobbs: 1283.0

Maintenance Record (Airframe)

Workorder reference: 1189

Performed a 50 HOUR inspection in accordance with FLIGHT DESIGN GMBH CTLS and Rotax 912 maintenance manual
Performed Engine run-up, attained normal operating temperature.
Removed engine cowlings, cleaned and inspected cowlings, no defects found.
Performed oil and filter change using 3 qts. of AeroShell Sport Plus 4 and a new filter p/n:82510
Installed cowlings
Performed engine run-up, attained normal operating temperature, no leaks noted.



Jeff Borders
A&P3596771

Reg: N890YB
Model: FLIGHT DESIGN GMBH CTLS
SN: F-11-08-04

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Date: 4/18/2019
TTA: 1326.3
Tach: 1326.3
Hobbs: 1339.5

Maintenance Record (Airframe)

Workorder reference: 1249

Performed a ANNUAL Condition Inspection IAW FLIGHT DESIGN GMBH CTLS MM.
Removed aircraft access panels and seats for inspection. Re-installed after inspection.
Removed and replaced carb heat cable with new p/n: FS-00541219.
Removed and replaced spinner standoff bolt with new p/n: AK-380R5R
Removed and replaced aft rod end on left nose wheel steering rod with new p/n: C9997006A

I certify that this Airframe has been inspected in accordance with a ANNUAL Condition Inspection and its approved for return to service with regards to the work performed at this time.

Israel Torres
A&P 3763415



Work Order: 195222

THE A/C TRANSPONDER TEST REQUIRED BY FAR 91.413 WAS
PERFORMED AND FOUND TO COMPLY WITH FAR 43, APPENDIX F.

MAKE: TRIGG MODEL: TT22 SERIAL NO: 00603

SYSTEM TEST DATE 09-13-2019

TESTED BY  CERTIFICATE# 4164701
Kenneth ReamsThoroughbred Aviation Maintenance, Inc.
6204 Paris Pike
Georgetown, KY 40324
FAA CRS # R81R199Y

Notes

Reg: N890YB
Model: FLIGHT DESIGN CTLS
SN: F-11-08-04NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510Date: 12/10/2019
TTA: 1426.7
Tach: 1426.7
Hobbs: 1441.4

Maintenance Record (Airframe)

Workorder reference: 1405

Performed a 100 HOUR conditional inspection IAW Flight Design CTLS MM.

Removed engine cowlings, cleaned, and inspected. No defects found. Installed cowlings.

Removed aircraft access panels and seats for inspection. No defects found. Installed access panels and seats.

I certify that this Airframe has been inspected in accordance with a 100 HOUR Conditional inspection and has been approved for return
to service with regards to work performed at this time.Israel Torres
A&P 3763415Reg: N890YB
Model: FLIGHT DESIGN CTLS
SN: F-11-08-04NexGen Aviation
4144 Aviator Rd, Suite 100,
Lexington, KY 40510Date: 2/20/2020
TTA: 1460.3
Tach: 1460.3
Hobbs: 1475.2

Maintenance Record (Airframe)

Workorder reference: 1563

Removed and replaced right rear exhaust riser w/ new p/n KA5020200-01 IAW FLIGHT DESIGN CTLS AMM.

Israel Torres
A&P 3763415Reg: N890YB
Model: FLIGHT DESIGN CTLS
SN: F-11-08-04NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510Date: 4/18/2019
TTA: 1326.3
Tach: 1326.3
Hobbs: 1326.3

Maintenance Record (Airframe)

Workorder reference: 1249

I certify that the 'ELT' has been inspected in accordance with the requirements of FAR section 91.207(d)
and was found to be in satisfactory condition. Battery expires 05/2024Israel Torres
A&P 3763415

Reg: N890YB
Model: FLIGHT DESIGN CTLS
SN: F-11-08-04

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Date: 5/28/2020
TTA: 1483.2
Tach: 1483.2
Hobbs: 1498.5

Maintenance Record (Airframe)

Workorder reference: 1511

Performed an ANNUAL Condition Inspection IAW FLIGHT DESIGN CTLS MM.

Removed aircraft access panels and seats for inspection. Re-installed after inspection.

Removed L/H Carburetor S/N 112975 and R/H Carburetor S/N 113594, send to Lockwood Aviation for 200 hour inspection, see logbook entry dated 28 APR 2020 and Lockwood Aviation Repair WO12451, reinstalled L/H Carb S/N 112975 and R/H Carb S/N 113594, rigged, mechanically and pneumatically synchronized IAW Rotax 912 MM

Removed Gearbox P/N 887703 S/N 55342, sent to Lockwood Aviation for 600 hour inspection, see logbook entry dated 28 APR 2020 and Lockwood Aviation Repair WO12451, resintalled gearbox IAW Rotax 912 MM

Removed and Replaced L/H and R/H brake linings with new P/N WHLM66-106

Replaced rear exhaust spring on #4 riser with new P/N 938 795

Removed and replaced L/H and R/H throttle cables with new P/N C9997085B

I certify that this Airframe has been inspected in accordance with a 100 Hour Conditional inspection, and is not approved for return to service until damage to tail section has been repaired IAW Flight Design Repair scheme

Israel Torres
A&P 3763415IA

I certify that the 'ELT' has been inspected in accordance with the requirements of FAR section 91.207(d) and was found to be in satisfactory condition

Israel Torres
A&P 3763415 IA



4144 Aviators Rd

Lexington, KY 40510

PH 859-281-1177

Date: June 3, 2020 ACTT 1483.2 N890YB S/N F-11-08-04 Airframe Log

This aircraft has been inspected and found to be safe for the intended flight in accordance with Special Flight permit dated June 03, 2020

Samuel L Mitchell
Director of Maintenance
A/P 3309538



Going your way every day since 1957
Aircraft Logbook Entry

1)

Date: 6-20-2020

Aircraft: N890YB

SN: F-11-08-04

2) TSMOH:

Cycle:

Tach: 1485.4

3)

Repaired the lower empennage in accordance with the repair scheme laid out in Service Instruction SI-ASTM-CTLS-56, revision 00 dated 4-7-2019. Prepped and painted the area to match.

4)

CHARTER - AIRCRAFT MANAGEMENT - FULL SERVICE FBO - MAINTENANCE

5)

Don Davis Aviation, Inc - 2154 Hwy 136 West - Henderson, KY 42420 - Telephone 270 826 6000 - Fax 270 826 6040

6) mechan

Reg: N890YB

NexGen Aviation

Date: 9/16/2020

7) In the li

Model: FLIGHT DESIGN CTLS

4144 Aviator Rd, Suite 100

TTA: 1534.9

8) (periodic

SN: F-11-08-04

Lexington, KY 40510

Tach: 1534.9

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Maintenance Record (Airframe)

Hobbs: 1551.2

9) On the

Workorder reference: 1661

Performed a 50 HOUR inspection IAW FLIGHT DESIGN CTLS AMM.

Inspected cowlings, oil hoses, fuel hoses and coolant hoses. No defects noted.

Israel Torres
A&P 3763415

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